



UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Edward A. Hubbard
Serial No.: 10/766,972
Filing Date: January 29, 2004
Group Art Unit: Not Yet Assigned
Before the Examiner: Not Yet Assigned
Title: DATA CONVERSION SERVICES AND ASSOCIATED
DISTRIBUTED PROCESSING SYSTEM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is being submitted in connection with the above-identified application for patent. Applicant submits herewith patents, publications or other information of which he is aware, which he believes may be material to the

CERTIFICATION UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 1, 2004.

Signature

Serena Beller

(Printed name of person certifying)

patentability of this application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 C.F.R. § 1.56, it is not intended to constitute an admission that any patent, publication or other information referred to herein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. § 1.56(a) exists.

The attached form, PTO-1449, provides a listing of patents, publications, or other information as required by 37 C.F.R. § 1.98(a)(1).

A copy of each of the items identified on the attached Form PTO-1449 is supplied herewith, except for the U.S. patents and the pending patent applications, for which no copies are being submitted.

Respectfully submitted,

WINSTEAD SECHREST & MINICK P.C.

Patent Agent and Attorney for Applicant

By 

Richard F. Frankeny

Reg. No. 47,573

Kelly K. Kordzik

Reg. 36,571

P.O. Box 50784
Dallas, Texas 75201
512/370-2872

In Place of FORM PTO-1449 (Modified)

Serial No.: 10/766,972

Applicants: Edward A. Hubbard et al.

Filing Date: January 29, 2004

Group:

Atty. Docket No.: 40988-P001P2D1

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANTS' INFORMATION DISCLOSURE
STATEMENT

Reference Designation

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
___ AAA	4,669,730	06/02/87	Small	273	138	
___ ABA	4,815,741	03/28/89	Small	273	138	
___ ACA	5,056,019	10/08/91	Schultz et al.	364	405	
___ ADA	5,332,218	07/26/94	Lucey	273	138	
___ AEA	5,402,394	3/28/95	Turski	368	10	
___ AFA	5,483,444	01/09/96	Heintzeman et al.	364	401	
___ AGA	5,594,792	01/14/97	Chouraki et al.	379	269	
___ AHA	5,598,566	01/28/97	Pascucci et al.	395	750	
___ AIA	5,655,081	08/05/97	Bonnell et al.	395	200.32	
___ AJA	5,703,949	12/30/97	Rosen	380	21	
___ AKA	5,740,231	04/14/98	Cohn et al.	379	88.22	
___ ALA	5,740,549	04/14/98	Reilly et al.	705	14	
___ AMA	5,768,504	6/16/98	Kells et al.	395	187.01	
___ ANA	5,768,532	06/16/98	Megerian	709	245	
___ AOA	5,802,062	09/01/98	Gehani et al.	370	465	
___ APA	5,815,793	09/29/98	Ferguson	455	3.1	
___ AQA	5,826,261	10/20/98	Spencer	707	5	
___ ARA	5,826,265	10/20/98	Van Huben et al.	707	8	
___ ASA	5,842,219	11/24/98	High, Jr. et al.	707	103	
___ ATA	5,848,415	12/08/98	Guck	707	10	
___ AUA	5,862,325	01/19/99	Reed et al.	395	200.31	
___ AVA	5,884,072	03/16/99	Rasmussen	395	600	
___ AWA	5,887,143	03/23/99	Saito et al.	395	200	
___ AXA	5,893,075	04/06/99	Plainfield et al.	705	14	
___ AYA	5,907,619	05/25/99	Davis	713	176	
___ AZA	5,909,540	06/01/99	Carter et al.	395	182.02	
___ BAB	5,911,776	06/15/99	Guck	709	217	
___ BBB	5,916,024	06/29/99	Von Kohorn	463	40	
___ BCB	5,918,229	06/29/99	Davis et al	707	10	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.C./

_____ BDB	5,921,865	07/13/99	Scagnelli et al.	463	17	
_____ BEB	5,937,192	09/14/99	Martin	395	705	
_____ BEB	5,953,420	09/14/99	Matyas et al.	713	171	
_____ BGB	5,958,010	09/28/99	Agarwal et al.	709	224	
_____ BHB	5,964,832	10/12/99	Kisor	709	202	
_____ BIB	5,966,451	10/12/99	Utsumi	380	49	
_____ BJB	5,970,469	10/19/99	Scroggie et al.	705	14	
_____ BKB	5,970,477	10/19/99	Roden	705	32	
_____ BLB	5,978,594	11/02/99	Bonnell et al.	395	837	
_____ BMB	5,987,506	11/16/99	Carter et al.	709	213	
_____ BNB	6,003,065	12/14/99	Yan et al.	705	201	
_____ BYB	6,009,455	12/28/99	Doyle	705	201	
_____ BZB	6,014,634	01/11/00	Scroggie et al.	705	14	
_____ BQB	6,014,712	01/11/00	Islam et al.	705	216	
_____ BKB	6,024,640	02/15/00	Walker et al.	463	14	
_____ BSB	6,026,474	02/15/00	Carter et al.	711	202	
_____ BTB	6,052,584	04/18/00	Harvey et al.	455	423	
_____ BUB	6,052,785	04/18/00	Lin et al.	713	201	
_____ BVB	6,058,393	05/02/00	Meier et al.	705	14	
_____ BWB	6,061,660	05/09/00	Eggleston et al.	705	14	
_____ BXB	6,065,046	05/16/00	Feinberg et al.	709	216	
_____ BYB	6,070,190	05/30/00	Reps et al.	709	224	
_____ BZB	6,078,953	05/29/00	Vaid et al.	709	224	
_____ CAC	6,094,654	07/25/00	Van Huben et al.	705	8	
_____ CBC	6,098,091	08/01/00	Kisor	705	202	
_____ CCC	6,112,225	08/29/00	Kraft et al.	709	202	
_____ CDC	6,112,304	08/29/00	Clawson	713	156	
_____ CEC	6,112,181	08/29/00	Shear et al.	705	1	
_____ CFC	6,112,225	08/29/00	Kraft et al.	709	202	
_____ CGC	6,115,713	09/05/00	Pascucci et al.	707	10	
_____ CHC	6,128,644	10/03/00	Nozaki	709	203	
_____ CIC	6,134,532	10/17/00	Lazarus et al.	705	14	
_____ CJC	6,135,646	10/24/00	Kahn et al.	709	217	

Serial No.: 10/766,972

Applicants: Edward A. Hubbard et al.

Atty. Docket No.: 40988-P001P2D1

_____CKC	6,138,155	10//2400	Davis et al.	709	224	
_____CLC	6,148,335	11/14/00	Haggard et al.	709	224	
_____CMC	6,148,377	11/14/00	Carter et al.	714	147	
_____CNC	6,151,684	11/21/00	Alexander et al.	714	4	
_____COC	6,167,428	12/26/00	Ellis	709	201	
_____CPC	6,189,045	02/13/01	O'Shea et al.	709	206	
_____COC	6,208,975	03/27/01	Bull et al.	709	10	
_____CRC	6,212,550	04/03/01	Segur	709	206	
_____CSC	6,249,836	06/19/01	Downs et al.	714	206	
_____CTC	6,263,358	07/17/01	Lee et al.	709	100	
_____CUC	6,334,126	12/25/01	Nagatomo et al.	707	1	
_____CVC	6,336,124	01/01/02	Alam et al.	715	523	
_____CWC	6,347,340	02/12/02	Coelho et al.	709	206	
_____CXC	6,356,929	03/12/02	Gall et al.	709	201	
_____CYC	6,370,510	04/09/02	McGovern et al.	715	1	
_____CZC	6,370,560	04/09/02	Robertazzi et al.	709	100	
_____DAD	6,374,254	4/16/02	Cochran et al.	707	102	
_____DBD	6,377,975	04/23/02	Florman	709	203	
_____DCD	6,389,421	05/14/02	Hawkins et al.	707	10	
_____DRD	6,393,014	05/21/02	Daly et al.	370	352	
_____DFD	6,415,373	07/02/02	Peters et al.	711	167	
_____DFD	6,418,462	7/9/02	Xu	709	201	
_____DGD	6,421,781	07/16/02	Fox et al.	713	201	
_____DHD	6,434,594	08/13/02	Wesemann	709	201	
_____DID	6,434,609	08/13/02	Humphrey	709	218	
_____DJD	6,438,553	08/20/02	Yamada	707	10	
_____DKD	6,463,457	10/8/02	Armentrout et al.	709	201	
_____DLD	6,473,805	10/29/02	Lewis	709	206	
_____DMD	6,477,565	11/05/02	Daswani et al.	709	217	
_____DND	6,499,105	12/24/02	Yoshiura et al.	713	176	
_____DOD	6,505,246	01/07/03	Land et al.	709	224	
_____DPD	6,516,338	02/04/03	Landsman et al.	709	203	
_____DQD	6,516,350	02/04/03	Lumelsky et al.	709	226	

_____ DRD	6,546,419	04/08/03	Humpleman et al.	709	223	
_____ DSD	6,615,166	09/02/03	Guheen et al.	703	27	
_____ DTD	6,643,291	11/04/03	Yoshihara et al.	370	395.5	

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes No
_____ DUD	WO0173545A2	10/04/01	PCT			X
_____ DVD	WO0114961A2	03/01/01	PCT			X
_____ DWD	EP0883313A2	09/12/98	European			X

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initial	
_____ DXD	Brian Hayes, "Computing Science: Collective Wisdom," <i>American Scientist</i> , March-April 1998.
_____ DYD	Steve Lawrence, et al., "Accessibility of information on the web," <i>Nature</i> , Vol. 400, pp. 107-109, July 1999.
_____ DZD	Steve Lawrence, et al., "Searching the World Wide Web," <i>Science</i> , Vol. 280, pp. 98-100, April 3, 1998.
_____ EAE	Steve Lawrence, et al., "Context and Page Analysis for Improved Web Search," <i>IEEE Internet Computing</i> , pp. 38-46, July-August 1998.
_____ EBE	Vasken Bohossian, et al., "Computing in the RAIN: A Reliable Array of Independent Nodes," California Institute of Technology, September 24, 1999.
_____ ECE	"A White Paper: The Economic Impacts of Unacceptable Web-Site Download Speeds," Zona Research, Inc., pp. 1-17, April 1999.
_____ EDE	Peter J. Sevcik, "The World-Wide-Wait Status Report," <i>Northeast Consulting Resources, Inc.</i> , Global Internet-Performance Conference, October 14, 1999.
_____ EEE	"White Paper: Max, and the Objective Measurement of Web Sites," WebCriteria, Version 1.00, pp. 1-11, March 12, 1999.
_____ EFE	Renu Tewari, et al., "Design Considerations for Distributed Caching on the Internet," pp. 1-13, May 1999.
_____ EGE	"Measuring and Improving Your E-Commerce Web Site Performance with Keynote Perspective," Keynote Systems, pp. 1-15, March 29, 2000.
_____ EHE	Sullivan, et al., "A New Major SETI Project Based On Project Serendip Data and 100,000 Personal Computers," Proc of the Fifth Intl Conf on Bioastronomy IAU Colloq No. 161, pp. 729-734, 1997.
_____ EIE	Caronni, et al., "How Exhausting is Exhaustive Search?" RSA Laboratories' CryptoBytes, Vol. 2, No. 3, pp. 2-6, Jan-Mar 1997.
_____ EJE	Bricker, et al., "Condor Technical Summary," Computer Sciences Dept., University of Wisconsin, Version 4.1b, pp. 1-10, Jan. 28, 1992.

- _____EKE Fields, "Hunting for Wasted Computing Power-New Software for Computing Networks Puts Idle PCs to Work," 1993 Research Sampler, University of Wisconsin, pp. 1-5, 1993.
- _____ELE Anderson, et al., "SETI@home: Internet Distributed Computing for SETI," A New Era in Bioastronomy, ASP Conference Series, Vol. 213, pp. 511-517, 2000.
- _____EME Bowyer, et al., "Twenty Years of Serendip, the Berkeley SETI Effort: Past Results and Future Plans," Astronomical and Biochemical Origins and the Search for Life in the Universe, pp. 667-676, 1997.
- _____ENE Litzkow, et al., "Condor - A Hunter of Idle Workstations," The 8th International Conf. on Distributed Computing Systems, pp.104-111, 1988.
- _____EOE Hamidzadeh, et al., "Dynamic Scheduling Techniques for Heterogeneous Computing Systems," Concurrency: Practice and Experience, Vol. 7(7), pp. 633-652, 1995.
- _____EPE Grimshaw, et al., "The Legion Vision of a Worldwide Virtual Computer," Communications of the ACM, Vol. 40, No. 1, pp. 39-45, 1997.
- _____EQE Catlett, et al., "Metacomputing," Communications of the ACM, Vol. 35, No. 6, pp. 44-52, 1992.
- _____ERE Foster, et al., "Globus: A Metacomputing Infrastructure Toolkit," The International Journal of Supercomputer Applications and High Performance Computing, Vol. 11, No. 2, pp. 115-128, 1997.
- _____ESE Mutka, et al., "The Available Capacity of a Privately Owned Workstation Environment," Performance Evaluation 12 (1991) pp. 269-284.
- _____ETE Sullivan, et al., "A New Major SETI Project Based on Project Serendip Data and 100,000 Personal Computers," Astronomical and Biochemical Origins and the Search for Life in the Universe, 5th International Conference on Bioastronomy, IAU Colloquium No. 161, pp. 729-734, 1996.
- _____EUE Gelemtier, "Domesticating Parallelism," IEEE Computer, Aug. 1986, 19(8), pp. 12-16.
- _____EVE Goldberg, et al., "A Secure Environment for Untrusted Helper Applications-Confining the Wily Hacker," 6th USENIX Security Symposium, pp. 1-13, 1996.
- _____EWE distributed.net: The fastest computer on Earth: Feb 08, 1999, <http://web.archive.org/web/19990221230053/http://distributed>.
- _____EXE London et al., "POPCORN - A Paradigm for Global-Computing", THESIS UNIVERSITY JERUSALEM, June 1998 (1998-06).
- _____EYE Takagi H. et al., "Ninlet: a migratable parallel objects framework using Java", JAVA FOR HIGH-PERFORMANCE NETWORK COMPUTING, Syracuse, NY, USA, 2/1998, Vol. 10, No. 11-13, pp 1063-1078.
- _____EZE Waldspurger, C.A. et al., "Spawn: a distributed computational economy" IEEE TRANSACTIONS ON SOFTWARE ENGINEERING, IEEE INC., NY, US, 2/1992, Vol. 18, No. 2, pp. 103-117.
- _____FAF Neary, M. O., et al., "Javelin: Parallel computing on the internet" FUTURE GENERATIONS COMPUTER SYSTEMS, ELSEVIER SCIENCE PUBLISHERS, Amsterdam, NL, 10/1999, Vol. 15, no. 5-6, pp. 661-664.
- _____FBF Foster, Ian et al., "The Physiology of the Grid," This is a DRAFT document and continues to be revised.
- _____FCF Douceur, John R. et al., "A Large-Scale Study of File-System Contents," Microsoft Research, Redmond, WA 98052, May 1999.
- _____PDF Bolosky, William J. et al., "Feasibility of a Serverless Distributed File System Deployed on an Existing Set of Desktop PCs," Microsoft Research, Redmond, WA 98052, June 2000.

Serial No.: 10/766,972

Applicants: Edward A. Hubbard et al.

Atty. Docket No.: 40988-P001P2D1

- _____ FEF Regev, Ori; Economic Oriented CPU Sharing System for the Internet; Master of Science in Computer Science thesis; Institute of Computer Science; The Hebrew University of Jerusalem; July, 1998.
- _____ FFF May, Michael; Idle Computing Resources as Micro-Currencies – Bartering CPU Time for Online Content; AACE WebNet99; Oct. 25-30, 1999.
- _____ FGF May, Michael; Distributed RCS Decryption as a Consumer for Idle – Time Brokerage; DCW99 Workshop on Distributed Computer on the Web; June 21-23, 1999.
- _____ FHF May, Michael; Locust – A Brokerage System for Accessing Idle Resources for Web-Computing; Proceedings of the 25th Euromicro Conference; Vol. 2, pp. 466-473; September 8-10, 1999.
- _____ FIF Huberman, Bernardo A., et al.; Distributed Computation as an Economic System; Journal of Economic Perspectives; Vol. 9, No. 1; pp. 141-152; Winter 1995.

Examiner: /Natisha Cox/

Date Considered: 03/17/2009

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

AUSTIN_1\244439\1
40988-P001P2D1